

Serial No. 10/049,469 (Atty. Docket No. 012.P35009)

**AMENDMENT TO THE SPECIFICATION**

Please consider the specification as follows:

**Please insert the heading before paragraph beginning on page 3, line 12 as follows:**

**PRESENTATION OF THE INVENTION**

**Please delete the entire heading on page 3, line 28 as follows:**

**~~PRESENTATION OF THE INVENTION~~**

**Please replace the entire paragraph on page 6, line 9 through line 14 with the following:**

For example, it would be possible to work starting from a single QPSK modulation (2 bits per symbol) on symbols with 4 bits per symbol ( $q=4$ ) corresponding to 4 blocks  $A_i$  of 2 MOK bits, and using sets of  $S=4$  sequences giving a total of 16 sequences which gives  $r = \log_2 S = 3 \underline{2}$ . The number of bits in the addresses will then be equal to  $2+2=4$ .